

# Comparisons of Job Characteristics

**Focus Occupation:** [Layout Workers, Metal and Plastic \(51-4192\)](#)

**Associated Occupation:** [Aircraft Structure, Surfaces, Rigging, and Systems Assemblers \(51-2011\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 82

**Focus Occupation:** Layout Workers, Metal and Plastic (51-4192)

**Associated Occupation:** Aircraft Structure, Surfaces, Rigging, and Systems Assemblers (51-2011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	13.9	15.1	0	Current knowledge level may be sufficient
Design	5.2	8.3	12.8	>>	Current knowledge level is likely more than sufficient
Public Safety and Security	6.9	8.3	6.6	<	Expanded education and/or training may be required
Chemistry	4.8	6.5	2.3	<<	Extensive education and/or training may be required
Building and Construction	4.0	5.4	12.6	>>	Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 69

**Focus Occupation:** Layout Workers, Metal and Plastic (51-4192)

**Associated Occupation:** Aircraft Structure, Surfaces, Rigging, and Systems Assemblers (51-2011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Quality Control Analysis	5.9	11.4	7.5	<<	Extensive development of skills in this area may be required
Troubleshooting	4.5	9.1	5.5	<<	Extensive development of skills in this area may be required
Installation	1.7	8.1	1.6	<<	Extensive development of skills in this area may be required
Equipment Selection	3.3	7.3	6.0	<	A higher skill level may be required
Equipment Maintenance	3.5	7.1	4.8	<<	Extensive development of skills in this area may be required

Repairing	3.4	7.1	4.7	<<	Extensive development of skills in this area may be required
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 91			
Focus Occupation: Layout Workers, Metal and Plastic (51-4192)					
Associated Occupation: Aircraft Structure, Surfaces, Rigging, and Systems Assemblers (51-2011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Visualization	7.5	12.0	11.5	0	Current ability level may be sufficient
Finger Dexterity	7.6	11.4	8.6	<<	Extensive improvement in abilities may be required
Far Vision	7.8	10.5	8.6	<	Some improvement in abilities may be required
Extent Flexibility	4.8	9.8	7.9	<	Some improvement in abilities may be required
Auditory Attention	5.9	9.1	8.2	<	Some improvement in abilities may be required
Depth Perception	5.3	9.0	7.5	<	Some improvement in abilities may be required
Gross Body Equilibrium	3.2	7.1	3.1	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	6.0	3.8	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 84
Focus Occupation: Layout Workers, Metal and Plastic (51-4192) Associated Occupation: Aircraft Structure, Surfaces, Rigging, and Systems Assemblers (51-2011)		
Work Activities	Exclusivity of Activity	
Examine products or work to verify conformance to specifications	15	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Lay out machining, welding or precision assembly projects	63	
Make independent judgment in assembly procedures	64	
Read blueprints	10	
Read technical drawings	7	
Understand technical operating, service or repair manuals	6	
Use hand or power tools	2	
Use precision measuring tools or equipment	17	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

**Focus Occupation: Layout Workers, Metal and Plastic (51-4192)**

**Associated Occupation: Aircraft Structure, Surfaces, Rigging, and Systems Assemblers (51-2011)**

Tools and Technologies	Exclusivity
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Tools and technology data is unavailable for one or both occupations.	
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Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.